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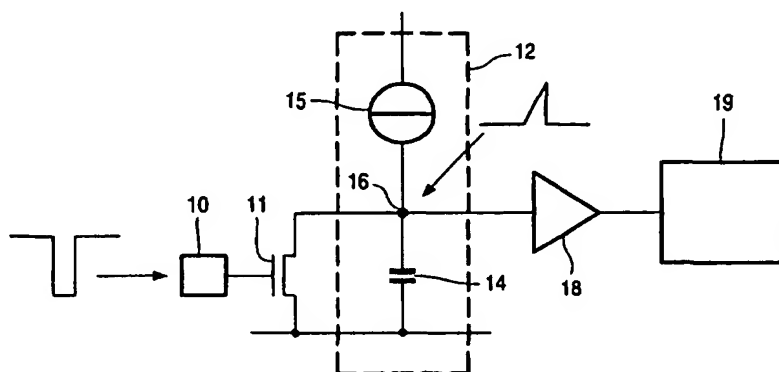
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ance Notes on Codes and Abbreviations" appearing at the begin-  
ning of each regular issue of the PCT Gazette.(54) Title: **TRANSITION DETECTION AT INPUT OF INTEGRATED CIRCUIT DEVICE**(57) Abstract: An integrated circuit  
has an input connection for connecting  
an external signal conductor that passes  
signals to execute functions in the  
device. The external signal conductor  
can pick up strong interfering signals  
with high frequency content, for  
example when the device is used in a car.  
To protect against unintended execution  
of functions the device contains a timer  
circuit comprising a capacitance and a  
current supplying circuit coupled to an  
integration node. A discharge diode is  
coupled between the input connection  
and the integration node, with a polarity

such that the discharge diode, when in forward bias, is capable of draining current from the current supplying circuit. A detector is coupled to the integration node for generating a signal to be supplied to the integrated circuit device to respond to a signal transition on the conductor. The diode serves to reset integration on the integration node before the detector detects the transition in case of short pulses. By using a diode instead of a switching transistor the circuit is more robust against the effect of interfering pulses.

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